



INFORMATION DISCLOSURE STATEMENT

(Use Several Sheets if necessary)

ATTY DOCKET NO.

44251A

SERIAL NO.

10/800,963

APPLICANT

Alex Kuperman et al.

FILING DATE

March 15, 2004

GROUP

1625

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
W	3,959,316	05/25/76	Piccinini et al.	260	348.5	
	4,007,135	02/08/77	Hayden et al.	252	467	
	4,113,658	09/12/78	Geus	252	454	
	4,242,235	12/30/80	Cognion et al.	252	455	
	4,839,327	06/13/89	Haruta et al.	502	243	
	4,937,219	06/26/90	Haruta et al.	502	174	
	5,051,394	09/24/91	Haruta et al.	502	324	
	5,145,968	09/08/92	Monnier et al.	546	268	
	5,304,598	04/19/94	Moriya et al.	525	66	
W	5,380,697	01/10/95	Matusz et al.	502	348	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
W	0 482 817 A1	04/29/1992	Europe	—	—		
	0 709 360 A1	05/1/1996	Europe	—	—		
	0 723 810 A1	07/31/1996	Europe	—	—	X	
	0 916 403 A2	05/19/1999	Europe	—	—		
W	JP-0 016422	01/25/1994	Japan	—	—	X (English Abstract)	

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

W	"Activation and Regeneration of a Hydro-Oxidation Catalyst", filed in the United States Receiving Office on September 30, 2002, USSN 10/148804 (Attorney's Docket No. 44361A); Applicants: Deborah H. Parker et al. (corresponds to WO 01/41926).
W	CRC Handbook of Chemistry & Physics, Robert C. Weast, Ed., 57 th Edition, p. F210 (1976-1977).
W	Dekkers, M.A.P. et al., "CO Adsorption and Oxidation on Au/TiO", CATALYSIS LETTERS, Vol. 56, pp. 195-197 (1998).

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te	5,480,854	01/02/96	Rajaram et al.	502	304	
dc	5,502,020	03/26/96	Iwakura et al.	502	317	
	5,506,273	04/09/96	Haruta et al.	518	713	
	5,525,741	06/11/96	Sugita et al.	549	536	
	5,532,030	07/02/96	Hirose et al.	428	35.7	
	5,571,771	11/05/96	Abel et al.	502	330	
	5,700,753	12/23/97	Wang et al.	502	330	
	5,703,254	12/30/97	Gaffney et al.	549	536	
	5,965,754	10/12/99	Clark et al.	549	533	
tp	6,031,116	02/29/00	Bowman et al.	549	523	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
dc	JP-3097623	04/23/1991	Japan	—	—	X (English Abstract)	
	01/41926	06/14/2001	PCT	—	—		
	03/011454	02/13/2003	PCT	—	—		
	96/02323	02/1/1996	PCT	—	—	X	
ew	97/25143	07/17/1997	PCT	—	—	X	

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

W	Derwent Abstract 1994-061881 – Corresponds to JP-06 016422 (1994).
dc	Geus, J.W., "Preparation of Catalysts III", STUDIES IN SURFACE SCIENCE AND CATALYSIS, Vol. 16, pp. 1, 6-8 (1983)
W	"Method of Increasing the Lifetime of a Hydro-Oxidation Catalyst", filed in the US Receiving Office on January 21, 2004, USSN 10/484,328 (Attorney's Docket No. 61121A); Applicants: David G. Barton et al. (corresponds to WO 03/011454).

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EL	6,255,499	07/03/01	Kuperman et al.	549	523	
RV	6,323,351	11/27/01	Bowman et al.	549	536	
RV	6,646,142	11/11/03	Meima et al.	549	536	

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	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
EL	97/34692	09/25/1997	PCT			X	
	97/34693	09/25/1997	PCT				
	97/47386	12/18/1997	PCT				
	98/00413	01/08/1998	PCT				
	98/00414	01/8/1998	PCT				
	98/00415	01/8/1998	PCT				
	99/00188	01/7/1999	PCT				
RV	99/52883	10/21/1999	PCT				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

RV	Linsen, B.G., "Physical and Chemical Aspects of Adsorbents and Catalysts", STRUCTURE AND ACTIVITY OF SILICA-SUPPORTED NICKEL CATALYSTS, p. 501 (1970).
RV	Patent Abstracts of Japan, "Production of Titanium Oxide for Fixing Gold Superfine Grains", Corresponds to JP-3097623 (1991).
RV	"Process for the Direct Oxidation of Olefins to Olefin Oxides", filed in the United States on December 11, 1998, USSN 09/209,698 (Attorney's Docket No. 42637F); Applicant: Robert G. Bowman et al. (corresponds to WO/ 98/00414).

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24	Sachtler, W.M.H. et al., "On the Mechanism of Ethylene Epoxidation", CATALY. REV-SCI ENG., Vol. 23 (1&2), pp. 127-149 (1981).
24	Satterfield, Charles N., HETEROGENEOUS CATALYSIS IN PRACTICE, McGraw-Hill Book Company, pp. 70-72, 82-83 (1980).
102	Yen-Shuo Su et al., "XPS and DRS of Au/TiO ₂ Catalysts: Effect of Pretreatment:", CATALYSIS LETTERS, Vol. 57, pp. 49-53 (1999).

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